

## Active Recombinant Influenza A H3N2 (A/Switzerland/9715293/2013) HA0 Protein (full length)

Cat. No. HA-211H Lot. No. (See product label)

### SPECIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Overview</b>     | Recombinant Influenza A virus (A/Switzerland/9715293/2013(H3N2)) hemagglutinin (translated amino acids of EPI541659) (Met1-Ile566), termed as HA0, fused with no tag, was expressed in Baculovirus-Insect Cells. |
| <b>Species</b>              | H3N2   |
| <b>Source</b>               | Insect Cells   |
| <b>ProteinLength</b>        | 1-566 a.a.   |
| <b>Predicted N Terminal</b> | Gln 17   |
| <b>Form</b>                 | Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 %glycerol, pH 7.5, 5% trehalose, 5% mannitol and 0.01% Tween80.   |
| <b>Bio-activity</b>         | Measured by its ability to agglutinate human red blood cells. HA titer is 0.2-2 µg/mL for 1% HRBC.   |
| <b>Molecular Mass</b>       | The recombinant hemagglutinin of Influenza A virus (A/Switzerland/9715293/2013(H3 N2)) consists of 550 amino acids and predicts a molecular mass of 61.8 kDa.  |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.  |
| <b>Purity</b>               | > 75 % as determined by SDS-PAGE.  |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

**Shipping** In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

## GENE INFORMATION

**Official Symbol** HA

**Synonyms** HA; Hemagglutinin

**Protein Refseq** EPI541659

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